No. 2502 final (2nd & Final)

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

(For Other Works)

AEE/ SUB. DN
Date: 2016
SBR No: 169/15-16
Date: 31/3/16

Division: **BBMP / YNK** Sub-Division: **Yelahanka Sub – Division.**

Bill Received No. Dated Divisional Cash Book Voucher No. Dated

YNK-DBR No. 52
Date 30.04.16

Schedule Docket No. Head of Account P-2654 Sub Divisional Est.Cost: **40.00** Lakhs **Work Code: 002-14-000047.** B.R.No. :

Name of Work : Construction of Samudaya Bhavana at SC/ST colony in Nagenahalli in ward No- 02 of yelahanka Sub Division. .

Name of Contractor and Full Address: **Technical Manager (West) KRIDL, BBMP, Bangalore.**

Reference to Agreement No. **EE/YNK.D/ W.O/444 /2013-14.** Date: 6-2-2014.

Certified that the measurements were taken by me on 29/02/16 and recorded of Pages 102 to 111 of measurement Book No. 1055 and that the work is satisfactorily executed.

Officer-in-charge of work

Contractor

Certified that the measurement were taken by me on 31/3/16 and found correct. The work is satisfactorily executed.

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Asst. Executive Engineer
Yelahanka Sub. Divisn
(BBMP Ynk. Zn)
Yelahanka, Bangalore

II Memorandum of Payment

		Amount
1)	Total value of work done or supplies made as per account within	2nd & Final 1200000:00
2)	Deduct amount to be held in reserve being .....percent Rs.....	
3)	" Balance	
4)	Deduct Payment:	
a)	Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....	
	adjusted towards cash advance recovery of	
b)	Payments Now made } cost store or other material supplied.	
	recovery of amount creditable to this/other work	
	Amount paid on this bill Cheque / Cash.	
5)	Balance being unpaid value of work done held in reserve.	
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	
7)	Net amount due to or from Contractor unadjustments items.	
8)	Advance to Contractor for materials brought to site (as detailed) within.	
9)	Value of Government materials supplied.	
	Total amount adjusted	

FSD	78000:00
IT	24000:00
KST	48000:00
LC	12000:00
CBT	1200:00
Fwc	8300:00
LL	3232:00
T.D	125132:00
Total	1024858:00

Contractor's Signature

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Received Rs..... (in words).....

.....

by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

(For use in the Office)

Witness
1.
2.

Dated Signature of Contractor

Paid by Cheque No. Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

Audited & Admitted for Rs. 1024858:00

Stamp

125132:00

Executive Engineer

sl no	Description of work	Unit
1	KSRB 2-1.1 Earth work in surface excavation in hard soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, Specification No KBS 2.1(a) / 2.3.1,P. No. 5/ Item No. 2.2/ PWD SR 2013-14	cum
2	KSRB 2-2.2 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. specification, specification. No. KBS 2.1(b) / 2.3.5, No. 5/ Item No. 2.4/ PWD SR 2013-14	cum
3	KSRB-3.2 : Providing and injecting chemical emulsion for Preconstructional anti-termite treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulisifiable concentrates of 20% concentration, including cost of chemical, diluting in water to one precent concentration, labour, HOM of equipments, complete as specifications.(Plinth area of building at ground floor only shall be measured) specification. No. KBS : 3.2.6 / 3.2.7 , P No. 09/ Item No. 3.2/ PWD SR 2013-14	sqm
4	KSRB 100-1 Loading and unloading ofstone aggregates / sand/ kanker/ Moorum /soil KSRRB M100-1 Placing tipper at loading with front end loader dumpting turning for return trip excluding time for haulged and return trip complete as per specification item No 17.1 page 141 and KSRB M.100.4.1 costof haulage excluding loading and unloading MORTH to a distance of 4.00 K.M (Item No 17.4 Page 141 (SR 2013-14)	cum
5	KSRB-4-1.3 : Providing and laying in position plain cement concrete of mix M7.5 withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, No. 12/ Item No. 4.3/ PWD SR 2013-14	Cum
6	KSRB 4.2.2 : Providing and laying in position plain cement concrete of mix M20 withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications. Specification. No. KBS 4.1,4.6, No. KBS 4.1,4.6, No. 13/ Item No. 4.11/ PWD SR 2013-14	Cum
7	KSRB 5.2.3 Providing and constructing granite / trap / basalt rubble stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 Page No. 25/ Item No. 5.6/ PWD SR 2013-14	Cum
8	KSRB 5.3-3 Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:8, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5-1.13 Page No. 26/ Item No. 5.9/ PWD SR 2013-14	Cum
9	Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications Page No. 122/ Item No. 15.1 PWD SR 2013-14	sqm
10	KSRB-4-1.6 : Providing and laying in position plain cement concrete of mix M15 withOPC cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2/ P.No. 12/ Item No. 4.6/ PWD SR 2013-14	Cum
11	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms, in depth, compacting each deposited layers by ramming after watering with lead upto 50m, and lift upto 1.5m, including cost of all labour complete as per specifications, specification. No. KBS 2.9, No. 6/ Item No. 2.10/ PWD SR 2013-14	Cum

Previous Measurment		Present Measurement			Total up-to date		Remarks
Qty	cost	Qty	Rate	Cost	Qty	cost	
48.00	8344	0.00	173.84	0	48.00	8344	
89.62	20044	32.26	223.66	7215	121.88	27260	
75.47	7760	0.00	102.82	0	75.47	7760	
131.62	10107	~~65.73~~ 32.26	76.79	~~5047~~ 2484	~~197.35~~ 163.88	12591 ~~15155~~ ~~2484~~	
18.10	76226	~~8.34~~ 8.04	4211.38	~~35123~~ 33859	~~26.44~~ 26.14	~~111349~~ 110085	
55.42	306767	7.19	5535.32	39799	62.61	346566	
28.91	100729	0.00	3484.22	0	28.91	100729	
8.21	34062	6.61	4148.84	27424	14.82	61486	
14.60	1028	17.76 ~~25.44~~	70.44	1251 ~~1792~~	32.36 ~~40.04~~	2279 ~~2820~~	
4.65	21811	0.00	4690.50	0	4.65	21811	
48.83	4865	5.44	99.64	542	48.83 ~~54.27~~	4865 ~~5407~~	

sl no	Description of work	Unit
12	KSRB 4-6.7 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of **beams, beam** haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 17/ Item No. 4.34/ PWD SR 2013-14	sqm
13	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended **floors, roofs,** landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 16/ Item No. 4.29/ PWD SR 2013-14	sqm
14	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **foundations, footings,** bases of columns for mass concrete including cost of all materials, labour complete as per specifications Specification NO. KBS 4.6.2 Page No. 16/ Item No. 4.28/ PWD SR 2013-14	sqm
15	KSRB 4-6.6 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **columns, pillars, piers,** post and struts, circular or curved in plan including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 17/ Item No. 4.33/ PWD SR 2013-14	sqm
16	KSRB 4-6.10 : Providing and removing centering, shuttering, strutting, propping etc., **for chajjas, corbels etc.,** including edges including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 17/ Item No. 4.37/ PWD SR 2013-14	sqm
17	KSRB 4-6.11 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **stairs (excluding landing) except** spiral staircase including cost of all materials, labour complete as per specification. Specification NO KBS 4.6.2 Page No. 17/ Item No. 4.38/ PWD SR 2013-14	sqm
18	KSRB 4.2.11 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC, cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregates @0.391cum with superplastesiser @0.225Lts machine mixed, well compacted for **plain chajja of 8.5** cms. average thickness, upto ground floor lever, including cost of all materials, labour, HOM of machinery, curing, complete as per specification. Specification NO. KBS 4.1, 4.6 Page No. 15/ Item No. 4.20/ PWD SR 2013-14	sqm
19	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S. 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Page No. 27/ Item No. 5.27/ PWD SR 2013-14	cum
20	KSRB 4.9.2.providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 Page No. 19/ Item No. 4.46/ PWD SR 2013-14	Quint
21	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete for R.C.C works laid in 15cms thick layers and well compacted vibrating curing etc. smooth finish in CM 1:3,with all lead and lift column, Staircase and Roof with M-20(cement -320 Kg/Cum) Page No. 19/ Item No. 4.49.1/ PWD SR 2013-14	cum
22	KSRB 9.4-4 : Providing sal wood frames of doors, windows, clerestory windows, ventilators, and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33. Page No. 55 / Item No. 9.10/ PWD SR 2013-14	cum
23	KSRB 9-9.1: Providing and fixing in position **Honne wood half** panelled and half glazed shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per finish with the shutters surface including cost of materials , labour, HOM of machineries complete as per specifications.(excluding cost of fixtures) Specification No.9.34,9.42 Page No. 57/ Item No. 9.26/ PWD SR 2013-14	sqm
24	KSRB 9-24.1: Providing and fixing in position fully glazed for windows shutters with Honne wood styles and rails of 25mm. thick, 75mm wide in single shutters with 4mm thick plain glass fixed with wooden beading including cost of materials, labour charges, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No.9.34, 9.42 Page No.61/ Item No. 9.73/ PWD SR 2013-14	sqm

Previous Measurment		Present Measurement			Total up-to date		Remarks
Qty	cost	Qty	Rate	Cost	Qty	cost	
218.22	52270	100.00	239.53	23953	~~218.22~~ 318.22 ~~218.22~~	~~52270~~ ~~76223~~	
181.64	51600	0.00	284.08	0	181.64	51600	
48.60	10715	1.80	220.48	397	50.40	11112	
115.50	96597	~~78.90~~ 60.40	836.34	~~65987~~ 50494	~~194.40~~ 175.9	~~162584~~ 147011	
27.64	6709	~~2.00~~ 1.62	242.74	~~485~~ 393	~~29.64~~ 29.26	~~7195~~ 7102.00	
~~29.55~~ 59.55	~~13594~~ 27395	~~14.12~~ ~~15.85~~	460.04	~~7292~~ 6495	~~43.70~~ 43.67	~~20104~~ 20089	
25.32	11595	1.62 ~~4.32~~	457.92	~~1978~~ 741	~~29.64~~ 26.94	~~13573~~ 12336	
235.52	213701	86.61	907.36	78586	322.13	292288	
86.27	636735	~~4.73~~	7380.72	~~34911~~	~~91.00~~	~~671646~~	
19.89	126268	~~1.64~~ 1.62	6348.34	~~10411~~ 10284	~~21.53~~ 21.51	~~136680~~ 136552	
1.28	85328	0.81	66662.34	53996	2.09	139324	
11.34	43971	9.66	3877.48	~~37456~~ 37223	~~21.00~~ 20.94	~~81427~~ 37223	
29.62	74663	23.28 ~~25.58~~	2520.68	58681 ~~64479~~	~~55.20~~ 52.9	~~139142~~ 133344	

no	Description of work	Unit
25	KSRB 7.9 : Providing and fixing M.S. grill work for windows and ventilators weighing 21 kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12 Page No. 37/ Item No. 7.9/ PWD SR 2013-14	kgs
26	KSRB 15.3.1 : Providing 12mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever reuired smooth rendering, : Providing and removing scaffolding, including cost of materials, labour. Curing complete as per specifications. Page No. 122/ Item No. 15.11/ PWD SR 2013-14	sqm
27	KSRB 15.3.13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Page No. 120/ Item No. 15.21 Page No. 123/ PWD SR 2013-14	sqm
28	KSRB 15.7 Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. Page No. 124/ Item No. 15.33/ PWD SR 2013-14	sqm
29	KSRB 15.3.1 : Providing 12mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever reuired smooth rendering, : Providing and removing scaffolding, including cost of materials, labour. Curing complete as per specifications. Page No. 122/ Item No. 15.10/ PWD SR 2013-14	sqm
30	KSRB 10-2 Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc, consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75kg/sqm conforming admixed with proprietary water proofing compound conforming to IS 2645 over the RCC slab after cleaning the surface before treatment, (b) laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS 2645 over 20mm thick layer of cement layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junction of walls and slabs, (c) after two days of proper curing, applying a second coat of cement lurry admixed with proprietary water proofing compound (d) Finishing the surface with 20mm thick jointless cement mortar of mix 1:4 admixed with proprietary water proofing compound and finally finishing the surface with trowel and neat cement slurry and making of 3000x300mm square, (e) the whole terrace so finished shall be flooded	sqm
31	Providing and laying flooring using pre polishing water cut/gang saw 19 mm thick Granite slab over existing cement concrete bed in CM 1:4 at 20mm thick (average) pointed with white cement/ colour pigment etc., complete. grey granite Page No. 115/ Item No. 14.47.2 / PWD SR 2013-14	sqm
32	KSRB 14.18.1 Providing skirting, dado, rises of steps with marble slabs not exceeding 30 cms. height on 10 cms. thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface white should be measured and paid separately) using marble slab of approved make and size of materials, labour, complete as per specifications. Specification No. KBS 14.19. Page No. 114/ Item No. 14.42 / PWD SR 2013-14	sqm
33	FIXTURES for doors and windows Page No XIV SR 2013-14 **DOORS**	
	Hinges 5" heavyduty	
	Door locks	Each
	MS Clamps	Each
	Tower bolt 300mm long	Each
	Aluminiuam handles 15cms	Each
	Brass screws 25mm	Each
	Locking arrengments	Each
	Nails and screws	Each
	Bolts and nuts	Each
	GI J" or L" hooks with nuts and bolts	Kgs
	WINDOWS AND VENTILATORS	Kgs
	Hinges 5" heavyduty	Each
		Each

Previous Measurment		Present Measurement			Total up-to date		Remarks
Qty	cost	Qty	Rate	Cost	Qty	cost	
622.12	59350	~~537.08~~ 536	95.40	~~51237~~ 51134	~~1159.20~~ 1158.12	~~110588~~ 110484	
288.84	35828	0.00	124.04	0	288.84	35828	
132.85	21686	0.00	163.24	0	132.85	21686	
421.69	8046	0.00	19.08	0	421.69	8046	
322.82	44827	0.00	138.86	0	322.82	44827	
97.75	76157	0.00	779.10	0	97.75	76157	
117.27	242397	0.41	2067.00	847	117.68	243245	
		61.86	3029.48	187404	61.86	187404	
				0	0.00	0	
		12	37.00	444	12.00	444	
		4	401.00	1604	4.00	1604	
		24	38.00	912	24.00	912	
		10	116.00	1160	10.00	1160	
		8	58.00	464	8.00	464	
		80	2.10	168	80.00	168	
		2	633.00	1266	2.00	1266	
		2	54.00	108	2.00	108	
		2	84.00	168	2.00	168	
		2	17.00	34	2.00	34	
				0	0.00	0	
		80	37.00	2960	80.00	2960	

sl no	Description of work	Unit
	bottom lock nail	Each
	MS Clamps	Each
	center pully	Each
	Brass screws 25mm	Each
34	KSRB 15-17.2: Applying priming coat over new wood surface and / or wood based surface after brushing with wood primer pink paint including preparing the surface after thoroughly cleaning oil, grease, dirt, and foreign matter, sand papering and knotting ready mix paint including cost of materials, labour, complete as per specifications. Page No. 127/ Item No. 15.56 / PWD SR 2013-14	sqm
35	KSRB 15-17.6: Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications. Page No.125 / Item No. 15.60.1 / PWD SR 2011-12	
36	KSRB 15.15.1: Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth cost of materials, labour, complete as per specifications. with primer. Page No.126/ Item No. 15.51.2 / PWD SR 2013-14	sqm
37	KSRB 15-16 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to given an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. with primer,page No 127 item No.15.53.2/PWD SR 2013-14	
38	KSRB 13-8.11 Providing and fixing to wall, ceiling and floor, low-density polyethylene pipes 6.00KGf/sq.cm. working pressure 25mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling an floor including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No. 13.2.15.1 / 13.9,, Page No. 103/ Item No. 13.76 / PWD SR 2013-14	Mtrs
39	KSRB 12-1.1 : Providing and laying in position to required level or slope 200mm internal diameter salt glazed stoneware pipes grade A and jointing with stiff mixture of cement mortar in proportion of 1:1, testing of pipes and joints, including cost of materials, labour charges complete as per specifications.Specification No. KBS 12.2.5/12.7 Page No. 72/ Item No. 11.1/ PWD SR 2013-14	Mtrs
40	KSRB 11.11.6 : Providing and fixing white vitreous china clay, angle back wash basin of size 600x480mm with single 15mm C.P brass pillar taps with C.I./M.S. brackets, 32mm C.P. brass waste of standard pattern, painting of fitting and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11. Page No. 82/ Item No. 12.28 PWD SR 2013-14	Unit
41	KSRB 11.14.2 : - Providing and fixing stainless steel kitchen sink of size 400x915mm bowl depth 178mm, with single bowl drains boards, M.S/C.L brackets, stainless steel plug 40mm, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. without drain board Page No. 85/ Item No. 12.38 PWD SR 2013-14	Unit
42	KSRB 11-1 : Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580mm with footrests, 100mm S or P trap, 10 litre low level, P. V. C. flushing cistern (all are approved make) with fittings, C.I. / M.S. brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labours complete as per specifications. Specification No. KBS 11 Page No. 79/ Item No. 12.1 PWD SR 2013-14	Unit
43	KSRB 12-8.1 : Constructing brick masonry inspection chamber 455x610mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I. cover with frame (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38kg (weight of cover 23kg and weight of frame 15kg) R.C.C. top slab with cement concrete 1:2:4 mix 20mm and downsize granite metal, foundation concrete 1:5:10 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specificationsNo.KBS Page No. 75/ Item No. 11.50 PWD SR 2013-14	Unit

Previous Measurment		Present Measurement			Total up-to date		Remarks
Qty	cost	Qty	Rate	Cost	Qty	cost	
		48	47.00	2256	48.00	2256	
		64	38.00	2432	64.00	2432	
		48	100.00	4800	48.00	4800	
		~~640~~ 540	2.10	~~1344~~ 1134	~~640.00~~ 540	~~1344~~ 1134	
		42.00	27.56	1158	42.00	1158	
		42.00	78.44	3294	42.00	3294	
		~~421.69~~ 421	79.50	~~33524~~ 33469	~~421.69~~ 421	~~33524~~ 33469	
		322.82	78.44	25322	322.82	25322	
		75.00	10494.00	787050	75.00	787050	
		30.00	475.94	14278	30.00	14278	
		2.00	3050.68	6101	2.00	6101	
		4.00	6885.76	27543	4.00	27543	
		4.00	3489.52	13958	4.00	13958	
		2.00	3489.52	6979	2.00	6979	

sl no	Description of work	Unit
44	KSRB 11.15.3: - Providing and fixing 1500x450mm rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost materials, labour complete as per specifications Page No. 84 Item No. 12.43 PWD SR 2013-14	Unit
45	KSRB 11-17-1: Providing and fixing C.P. brass towel rail 740mm length, 20mm dia with C.P. brackets, fixed to wooden cleats with C.P. brass screws including cost of materials, labour complete as per specifications. Page No. 84/ Item No. 12.45 PWD SR 2013-14	Unit
46	KSRB 13-6 5.1: Providing and fixing in position 15mm nominal bore brass ferrule with C.I. mouth cover including boring and tapping the main, cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specifications NO KBS 13.3.3 / 13.14 Page No. 98// Item No. 13.43 / PWD SR 2013-14	Each
47	Providing and fixing CI Nahani Trap of approved make conforming to ISI specifications and construction of cistern in CC 1:2:4 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). Page No.92/ Item No. 12.113.2 PWD SR 2013-14	Each
48	KSRB 11-7.2 Providing and fixing white vitreous china clay, flat back, lipped front urinal basin of 430x260x350mm in the range of two 7.5 liters PVC automatic flushing cistern C.I./M.S. brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete painting of fitting and brackets cutting and making good the wall and floor wherever required including cost of materials, labour complete as per specifications. Specification No. KBS 11 Page No.80/ Item No. 12.8 PWD SR 2013-14	Each
49	KSRB 13.11.1: Providing and placing on terrace. Polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 1000 litre capacity) Specification NO. KBS 13.22 Page No. 103/ Item No. 13.78 / PWD SR 2013-14	Each
50	Providing Supplying and commissioning of 1 HP submersible Monoblock pump with starter 15mm cable with necessary GI fittings with suction & Delivery hose pipes including necessary fittings etc completed as per specifications.	Nos
1	pointing wiring using copper with switch: Supplying and wiring adoping loop system in exiting PVC conduit/casing caping using copper PVC insulated multi strand 2 x1.5 sqmm coper wire with a 6 Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of wires shall be terminated with sufficient loose length in a wood/PVC round block. Complete for each outlet.II point wiring using class B materials (3/6) a) Short point upto 3 mtrs from tapping point to out let via switch	Each
	Medium point above 3Mtrs upto 6Mtrs from taping point to out let via switch	Each
	a) Long point above 6Mtrs upto 10 Mtrs from tapping point to out let via switch	Each
2	Wiring for lightin/power circuit using one of PVC insulted 1100v grade,multistrand copper conductor single core cable in open or consealed system of wiring.II Group Be) 6 sqmm (9/20)	Each
3	Groove Cutting : Supplying ... dia 2mm/2.5mm thick heavy gauage PVC Conduit Pipe with bends metal junction boxes adhesive paste etc., and bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out the conduit wherever necessary a) 19/20mm dia 2mm thick (2/3)	Per Mtr
4	Supplying and fixing PVC/metal conduit accessories special type Junction Box a) 19/20mm junction box (3/5)	Eac
	DEEP Junction Box a) 18/20 mm deep junction box	Eac
5	32 Supplying and fixing metal fan box with round hook (32/11)	Eac
6	Supplying and flush mounting teak wooden box with out front plank made of not less than 12mm thick wood after due groove cutting necessary masonry patch work complete. (6/3) b) 12"x9"x3" (300x228x76mm)	Eac
7	Supplying and fixing of modular switch/Scocket/stepped electronic fan regulator/dimmer/telephone socket etc on existing modular switch plate. II using group B" Meterial (8/18) e) 600 watts dimmer	Eac
	g) 16 Amps one way switch	Eac
	J) 6/16 Amps Universal Socket	Eac
8	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches regulators etc., and fixing on existing wooden or metal box using N.F.Screws. (22/10)	sq.c
9	Supplying surface mounted type mirror optic luminaries for single/twin 36/40 watts fluorescent lamps cross rising of stove enameled deep coloured M.S.low profile housing complete with all accessories and high purity anodized aluminium reflector assembling along with cross louvers including necessary fluorescent tubes with Energy saving Electronic Ballest Etc complete set II 2x4' 36/40 watts B) group B' (5/17)	Eac

Previous Measurment		Present Measurement			Total up-to date		Remarks
	cost	Qty	Rate	Cost	Qty	cost	
		2	1791.40	3583	2.00	3583	
		2.00	784.40	1569	2.00	1569	
		2.00	614.80	1230	2.00	1230	
		2.00	302.10	604	2.00	604	
		2	4074.64	8149	2.00	8149	
		2.00	8831.92	17664	2.00	17664	
		1.00	10000.00	10000	1.00	10000	
		9	160.00	1440	9.00	1440	
		11	245.00	2695	11.00	2695	
		12	345.00	4140	12.00	4140	
		350	45.00	15750	350.00	15750	
		85	43.00	3655	85.00	3655	
		5	18.00	90	5.00	90	
		10	29.00	290	10.00	290	
		8	72.00	576	8.00	576	
		2	80.00	160	2.00	160	
		8	390.00	3120	8.00	3120	
		2	115.00	230	2.00	230	
		2	170.00	340	2.00	340	
		1500	0.22	330	1500.00	330	
		8	2500.00	20000	8.00	20000	

sl no	Description of work	Unit
10	supplying capacitor type celing fan complete with dawn blades,shackle,canopies etc for operation on 230 Volts, 50 cycles,single phase AC supply conforming to ISS-374-1979 and with double ball bearing system and as per technical data approved 1 48" Sweep(1200 mm) a) Regular Model (23/23)	Each
11	Supplying exhaust fan of 1440 RPM of 300mm (12") size with bracket blades complete for e for light duty suitable for operate on 230 V 50 Hz, AC Supply... a) Group A' (21/22)	Each
12	Supply patty type fluorescent tube light fitting of 4-36/40 watts flourescent tube fitting,made out of M.S sheet and stove eanmeled with low loss open construction copper wound ferromagnetic ballast, strter,locking type prass contact holders mounted on double fold type sheet base fully wired for use on 230 volts A C supply including 1NO 4-36/40 watts fluorescent tube.) (2/16) Group A	Each
13	Fixing all types and all capacities fluorescent/false celing/spot light/CFL fitting indoor on the wall/ celing/rafters/griders using 23/0.0076" twin twisted PVC insulated wires,required nos of blocks and clamps(if required) a) On wall/ ceiling/ Rafter/Griders (7/29)	Each
14	Fixing one ceiling/wall mounting fan of all capacities and all types to the exiting S hook with fan regular to the exiting board together with supplying and fixing a 5 ampers ceiling rose,necessary langth of 23/0.0076 inch PVC insulated twin twisted copper wire and wiring completely. (8/29)	Each
15	Fixing one exhaust fan in the nitch already left in the wall with bolts and nuts 5 amps ceiling rose with sufficient length of 23/0.0076 inch PVC insulated twin core wire of apporoved Make (12/29)	Each
16	Supplying,fixing wiring earth electrode for grouding conduits. I.C cutouts and other equipment on the meter board using 40mm dia 2.90 thick GI2.5 mtrlong buried in a pit should be filled with equal proporation of salt and charcoal 150mm alround the pipe to complete depth. The conection from the pipe to the conduit etc is to be established throughGI wire of size as oer ISI specifications 7.33 of IS 732 using 12mm dia bolts,nuts,washers and checknutsetc,the pipe shall have 16 through holes 12mm dia (68/01)	Each
17	suplying and mixing miniature circuit breakers on exiting MCB distribution boards using necessary fixing materials and C type curve,indicator ON/OFF energy cross-3 with short circuit breaking capacity of 10k and complete wiring as required. a) 32 Amps SP 1)Group A (12/36)	Each
18	Energy meter box. Supply and instalation/fixing/ provision of outdoor type thermoplastic modular panel enclousers with transperent polycarbonate lid shock proof,coreosion proof having internally embedded gasket on both lid and flap suitable to fix. Single phase/three phase energy meter in suitable base plate and having a provision fo fuse/ MCB cutout with suitable transperent hinged flap opening for operating MCB along with complete tamper proof SEALING facility. a) 300 x 300 x 214 mm (40/42)	Each
19	Supplying of LT UG cable having aluminium conductor PVC insulated,sheathed,galvanized,steel wire/steel tap armoured cable with PVC outer sheathing 1.1KV class A PVC Cabled)4 core 16 sqmm (68/04)	Per Mtr
20	Labour charges for laying of 1.1KV Class UG cable in existing trench GI pipe stoneware pipe/on wall/on pole as required a) 6sqmm to 16 10 sqmm (5/69)	R.Mtr
21	Digging of trench of 0.6mm deep * 0.50 mtr wide refilling the trench to the required ground level and consolidating etc. complete (As per Civil SR KSRB 1-2p-7)a. in Ordinary soil (6/70)	R.Mtr
22	Supplying and fixing of class A (medium duty) GI pipe of wall thick ness not lessthan 3.25mm on pole/wall/drain crossing eith necessary clamping arrangements for UG cable of 1.1 KV class B.50 mm (9/70)	Mtr
23	Suplying and fixing L.T cast Iron Pot Heads suitable for 1.1KV class UG cable filled with Necessary bitumen/insulating compound complete with terminals,clamps,bolts,nuts and washers etc,. b. 16 Sqmm (10/70)	Each
		TOTAL

Certificates:

1 The above work is done satisfactorily and complete in all respect.
2 There is no department Material issue for the above work.
3 This works comes under BBMP Limit.

Previous Measurment		Present Measurement			Total up-to date		Remarks
Qty	cost	Qty	Rate	Cost	Qty	cost	
		8	1800.00	14400	8.00	14400	
		3	1250.00	3750	3.00	3750	
		2	360.00	720	2.00	720	
		8	105.00	840	8.00	840	
		8	105.00	840	8.00	840	
		3	310.00	930	3.00	930	
		1	1950.00	1950	1.00	1950	
		2	195.00	390	2.00	390	
		1	3055.00	3055	1.00	3055	
		40	150.00	6000	40.00	6000	
		40	8.00	320	40.00	320	
		30	40.00	1200	30.00	1200	
		10	260.00	2600	10.00	2600	
		1	260.00	260	1.00	260	
	2517584			1955153 ~~1793978~~		4311562	
	Quality control charges			193066 ~~17940~~			
	11% KRIDL Service Charge			197338		43116	
			Total	~~2009255~~		474272	
						4828949	

12,00,000/-

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore